

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings of claims in the application.

Listings of Claims:

1. (Previously Presented) An input unit provided with a manual manipulator, position sensors for supplying position signals corresponding to a direction and quantity in which the manual manipulator is driven, actuators for providing an external force to the manual manipulator, and a control section for controlling the actuators,

wherein the control section computes an initial width of the movable range of the manual manipulator from its current position to an end of its possible motion according to changes in position signals supplied from the position sensors, and

wherein the control section controls the output to the actuators as a resistance is weakened when the computed initial width of the movable range is wide, and the control section controls the output to the actuator as a resistance is increased when the computed initial width of the movable range is narrow.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Previously Presented) An input unit provided with a manual manipulator, vehicle-mounted electric devices operated by the manual manipulator, position sensors for supplying position signals corresponding to the direction and quantity in which a pertinent vehicle-mounted electric device is driven, actuators for providing an external force to the manual manipulator, and a control section for controlling the vehicle-mounted electric devices and the actuators,

wherein the control section computes an initial width of the movable range of the vehicle-mounted electric device from its current position to an end

of its possible motion according to changes in position signals supplied from the position sensors, and

wherein the control section controls the output to the actuators as a resistance is weakened when the computed initial width of the movable range is wide, and the control section controls the output to the actuator as a resistance is increased when the computed initial width of the movable range is narrow.

6. (Previously Presented) The input unit according to Claim 11, wherein a plurality of tables listing correlations between changes in the position signals and the output of the actuators are stored in the control section, and a switching means for the tables is provided on or in the vicinity of the manual manipulator.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Previously Presented) The input unit according to Claim 12, wherein a plurality of tables listing correlations between changes in the position signals and the output of the actuators are stored in the control section, and a switching means for the tables is provided on or in the vicinity of the manual manipulator.

11. (Previously Presented) The input unit according to Claim 1, wherein the control section controls the output to the actuator to weaken a feel of resistance when the movable range is wide, and to emphasize the feel of resistance when the movable range is narrow.

12. (Previously Presented) The input unit according to Claim 5, wherein the control section controls the output to the actuator to weaken a feel of resistance is weakened when the movable range is wide, and to emphasize the feel of resistance when the movable range is narrow.

13. (Previously Presented) The input unit according to Claim 11, wherein an impactive resistance is felt on the manual manipulator when substantially the end of the movable range is reached.

14. (Previously Presented) The input unit according to Claim 12, wherein an impactive resistance is felt on the manual manipulator when substantially the end of the movable range is reached